

New process can remove metals from waste

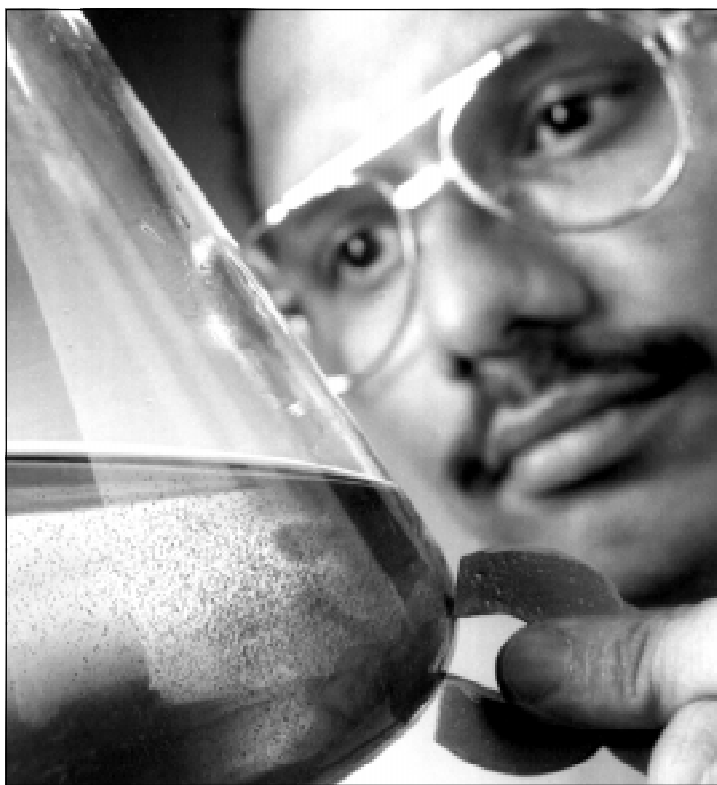
Argonne scientists have developed a simplified approach to removing metals and radionuclides from waste or process streams which could result in significant financial and environmental savings for a variety of industrial separations processes.

Financial savings come from reducing chemical purchases and capital expenditures, and environmental savings are brought about by allowing repeated re-use of process solutions, thus minimizing waste.

This new approach, which Argonne has patented, uses small magnetic particles with a chemical coating. The coating is a solvent containing an extractant that selectively attracts specific metals, said Argonne chemist and process developer Luis Nuñez (CMT).

These particles (from Cortex Biochem, Inc., San Leandro, Calif.) are poured into a tank containing a process or waste solution, where the coating extracts the low concentration of metal. The magnetic particles, and their metal baggage, are removed from the solution with magnets, Nuñez said.

The metal can be stripped from the particles, allowing both the



MAIN ATTRACTION — Chemist Luis Nuñez demonstrates the magnetic appeal of his technique for cleaning up industrial waste streams. The specially treated particles are attracted to the magnet, allowing waste metals to be recovered and recycled from waste streams. *Photo by George Joch*

metal and the particles to be recovered, while the process solution can be recycled to the plant. The extractants placed on the magnetic particles can be tailored to the need, for example, to remove radionuclides.

Compared to ion exchange processes, efficiencies with magnetic separation are as much as 100 times greater. The extractant coat-

ings are effective in acidic and caustic conditions, eliminating problems and costs associated with neutralization. Unlike ion exchange and solvent extraction, this process is effective with fine particles.

This is an in-tank or near-tank process that is inherently simple, compact, low cost, and low maintenance. It could be applied in recovery, recycling, and waste minimization activities at many industrial sites. It would reduce the need for capital expenditure to address ever-increasing environmental compliance levels, greatly reduce the chemical inventory required for metals separation, and, in some applications, recover metals of potential commercial value.

Among the industries in which this process could be applied are the electroplating, environmental, and mining/metallurgy industries.

The process has been demonstrated at bench scale for a wide variety of waste streams, and scaleup and pilot testing are planned. Scaleup has been successful in other applications of magnetic separation.

Lab receives \$107,927 for power cuts

Energy conservation pays off again in 1997 as the laboratory received its largest check since becoming a member of the Commonwealth Energy Cooperative (CEEC). The check for \$107,927 was presented to Argonne at an award ceremony at Navy Pier in Chicago.

Argonne became a member of the CEEC in 1992 and has since received approximately \$500,000 from Com Ed for reducing electrical demand during peak periods. CEEC members, which include more than 200 companies, can be asked to reduce electrical demand during the months of June through September between noon and 8 p.m.

"All Argonne employees are to be congratulated for the energy savings achieved during the summer months of 1997," said CEEC Coordinator Jug Uppal (PFS).

At Argonne, employees are asked to turn off non-essential lights and equipment. Standby diesel generators are started to provide part of the necessary electrical supply. Argonne receives \$35 from Com Ed for every kilowatt saved, making the diesel generators cost-effective.

This year, Argonne was asked to curtail power on three occasions, totaling 18 hours. Power consumption dropped by about 2,938 kilowatts. As a result, Argonne also receives a smaller electric bill.

"PFS organized a small group to plan for the demand periods which paid off dramatically," said Uppal. "The PFS maintenance group, managed by Rich Pagel, put forth an extra effort to run the diesel generators to optimize energy use, resulting in the cost savings."

3 new members named to board of governors

Three new members have been named to the University of Chicago Board of Governors for Argonne National Laboratory: Pennsylvania State University Chemistry Professor Stephen J. Benkovic; Robert C. Dynes, chancellor of the University of California at San Diego; and Helen Petruskas, vice president of environmental and safety engineering at Ford Motor Co.

The board provides guidance, oversight, direction and advice to laboratory management. Its 21 members are drawn from University of

Chicago trustees, officials and faculty, representatives from other universities and industry leaders.

■ Benkovic is Evan Pugh professor and Eberly Chair in chemistry at Pennsylvania State University. He has received many awards for his research on enzymes, catalysis and DNA replication, including the Alfred Bader Award of the American Chemical Society, and election to the American Academy of Arts and Sciences, the National Academy of Sciences and the Institute of Medicine.

He is a member of the American

Chemical Society, the Federation of American Biologists, Sigma Xi and the Chemical Society.

■ Dynes, a professor of physics, has held several posts at the University of California, San Diego, including senior vice chancellor for academic affairs and physics department chair. Previously, he worked for 22 years at AT&T Bell Laboratories, serving for seven years as director of chemical physics research. He has written 185 journal articles.

(Continued on page 2)

Inside this issue ■ Shenoy named physical society fellow ■ Ar'Gang ■ HR offers class on dealing with difficult people

3 named to governors board

(Continued from page 1)

His research interests include the properties of ultra-thin films of conductors and superconductors (materials that conduct electricity with no resistance), and high-temperature superconductors.

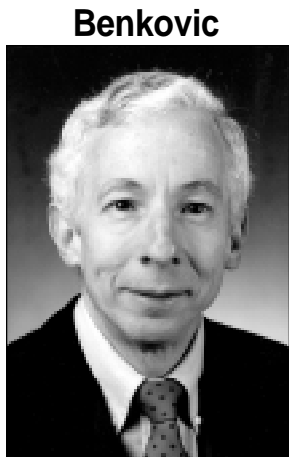
Dynes is a member of the National Academy of Sciences, a fellow of the American Physical Society, the Canadian Institute of Advanced Research and the American Academy of Arts and Sciences. He received a Fritz London Award in Low Temperature Physics in 1994.

■ Petruskas coordinates Ford's safety, fuel economy and environmental protection planning, and is Ford's principal spokesperson on environmental and vehicle safety activities.

Petruskas has served on a number of policy development organizations, including membership on the U.S. Alternative Fuels Council and the U.S. Board of Trustees of the Regional Development Center for Central and Eastern Europe. Petruskas is a member of the Board of Directors of the Sherwin Williams Co. and MCN Energy.



Dynes



Benkovic



Petruskas

Gopal Shenoy named fellow of American Physical Society

Experimental Facilities Division Director Gopal Shenoy has been named a fellow of the American Physical Society.

The American Physical Society is an organization of more than 41,000 physicists worldwide. Election to fellowship represents peer recognition of outstanding contributions to physics through original research and publication and innovative application of physics to science and technology. The honor is limited to no more than one-half of one percent of the membership of the society.

Shenoy's citation honors him "for his contributions to the study of magnetic superconductors and his pioneering role and leadership in the development of the Advanced Photon Source."



Shenoy

The Advanced Photon Source is the nation's most powerful source of X-rays for pioneering experiments crucial for maintaining the nation's technological competitiveness. Research at the APS is expected to lead to new and improved electronics, chemicals, industrial materials, pharmaceutical goods, medical diagnostics and consumer products. The \$467 million light source, two-thirds of a mile in circumference, is located on an 80-acre site at Argonne.

Shenoy's other honors include promotion to senior scientist in 1982, and the University of Chicago's Distinguished Performance Award, given in 1986 for developing the concept, design and plan for the APS.

Ar'Gang

NEW ARRIVALS

A boy, Wesley, born Nov. 3 to **Albert Sheng** (ASD); a boy, Ryan Christopher, born Oct. 27 to first-time parents **Christopher Johnson** (CMT) and **Lisa Utschig-Johnson** (CMT); a boy, Alexander George, born Oct. 2 to first-time parents Brent and **Yolantha Siegfried** (CMT); a boy, Alexander Peter, born Oct. 29 to Angie and **Ian Foster** (MCS); a boy, Wyatt, born Oct. 8 to Mike and **Stephanie Vogler** (RPS); a boy, Christopher Brandon, born Nov. 6 to **Vern** (RPS) and **Monica Peterson** (ENG); a boy, Sebastian, born Oct. 1 to Scarlet and **Humberto Garcia** (TD); a girl, Tara Jo, born Oct. 20 to Corey and **Donna Shaw** (RPS). Proud grandparents: a granddaughter, Amber Kathleen Miller, born Oct. 30 for Ed and **Kathy Weeks** (ECT); a grandson, Robert Jeffery Wulf Jr., born Sept. 24 for **Betty Wulf** (ECT) and Aunt **Julie Wulf** (XFD); a grandson, Nathan

Scott, born for first-time grandmother **Diane Hawk** (EMO); a granddaughter, Hanna, born Nov. 23 for Jack and **Dolores Lagerquist** (RPS).

ACHIEVEMENTS

Jim Cavallo (DIS) received the 1997 Environmental Professional of the Year award from the Chicago chapter of the Association of Energy Engineers. **Sharon Lesinski** (PFS) received a bachelor's degree with highest honors in Business Administration from Lewis University. **Tracy Rogness** (OTD-PRA) received a bachelor's degree with a triple major in Business Administration, Finance and Economics from Lewis University. **Gary Bette'** (RPS) received a master's degree. Zach Batte', son of **Gary Batte'** (RPS) signed with Virginia Military Institute to play basketball.

WEDDINGS/ENGAGEMENTS

Congratulations to **Laurie Langosch** (APS) and Gary Scheiblein on their Oct. 10 wedding. Congratulations to **Jennifer**

Fedder (RPS) and Randy Turnage on their Nov. 20 wedding. Congratulations to **Deborah Blunt** (EAD) and Bassel Nabelssi on their engagement.

GET WELL WISHES

Wishes for a speedy recovery to **Ken Thompson** (ASD) who is recovering from eye surgery.

WELCOME

MSD welcomes **Joel Mesot**, **Maria Luisa Medarde Barragan**, **Xidong Chen**, **Peter Baumann** and **Ute Ruett**. TD-AW welcomes **Karen Toews** and **Karen Gore**.

CONDOLENCES

Condolences to **Jerry Lowe** (RA) on the death of his mother; to Julie and **Randy Hudson** (MSD) on the death of their infant daughter, Jessica Joyce; to **Phyllis Kay** (EAD) on the death of her father-in-law; **Jim Frego** (EMO) on the death of his mother; to **Eliane Lessner** (ASD) on the death of her mother-in-law; to **Mike Janeczko** (RPS) on the death of his father; to **Tammie**

Taylor (ENG) on the death of her daughter; **Monte Windmiller** (RPS) on the death of his mother; and to friends and family of **Ken Amar** (RPS) who passed away Oct. 8.

FAREWELL

Good luck to **Mark Masek** (IPD-TIS), **William Sheehan** (IPD-TIS), **Lynda Narug** (ES), **Pam Maholtra** (ES), **Sue Rura** (ES), **Chris Foster** (MSD), **Patrick Caraher** (DIS), **Robert Kero** (DIS), **Michele McCusker-Whiting** (DIS) and **Cheryl Drugan** (IPD-TCS) who have all left the laboratory.

CONTRIBUTORS

Thanks to this issue's contributors: **Judy Beumer** (MSD), **Barbara Burke** (ECT), **Loretta Cescato** (CMT), **Bonnie Gianpetro** (EMO), **Gloria Griparis** (IPD-TCS), **Barb Hall** (ASD), **Eileen Johnson** (RA), **Sheila Jungman** (MSD), **Karen Kroczech** (PFS), **Cathy Nelson** (IPD-TIS), **JoAnn Parnell** (ES) and **Eleanor Robson** (EAD).



Argonne News is published weekly for Argonne employees by the Office of Public Affairs. Send news items to Editor Dave Jacqué, Building 201, Room 2Q-02 (OPA-201). Voice: ext. 2-5582. Fax: ext. 2-5274. E-mail: info@anl.gov. Argonne-West correspondent: Dolores Lagerquist, Bldg. 752, ext. 3-7523. Deadline for all materials is 5 p.m. Monday. Argonne National Laboratory is operated by the University of Chicago for the U.S. Department of Energy. Vol. 51, No. 5.

Send your news tips and comments to:

info@anl.gov

Seminars

Send seminar listings to Evie Fagan, Building 201, Room 2U-09 (OPA-201). Deadline is 5 p.m. Monday. Seminar listings *only* can be sent by E-mail to evie_fagan@qmgate.anl.gov.

Monday, Feb. 9

Chemistry Division Monday Morning Seminar Series: **“Resonance Raman Intensities: An Indirect Route to Ultrafast Photochemical Dynamics”** by Anne Myers, University of Rochester, N.Y. 11 a.m., Bldg. 200 Auditorium.

High Energy Physics Division Theoretical Physics Seminar: **“What Does String Duality Imply for Field Theory?”** by Albrecht Klemm, University of Chicago, Ill. 2 p.m., Bldg. 362, Conference Room E188.

Physics Division Seminar: **“Kaon Electroproduction on Deuterium”** by Jorg Reinhold, (PHY). 3:30 p.m., Bldg. 203, Conference Room R150.

Tuesday, Feb. 10

Energy Technology Division Seminar: **“CVD Diamond and Diamondlike Carbon as Solid-Lubricating Films”** by Kazuhisa Miyoshi, Senior Research Scientist, NASA-Lewis Research Center, Cleveland, Ohio. 10:30 a.m., Bldg. 212, Conference Room A157.

Wednesday, Feb. 11

Materials Science Division Special Colloquium: **“Proximity and Size Effects of the Spin Density Waves in Epitaxial Cr”** by Hartmut Zabel, Physics and Astronomy Department, Ruhr University, Bochum, Germany. 11 a.m., Bldg. 212, Conference Room A157.

High Energy Physics Division Seminar: **“Hadron Structure and QCD Measurements at CCFR/NuTeV”** by Panagiotis Spentzouris, Columbia University, New York. 3:30 p.m., Bldg. 362, Conference Room F108.

Friday, Feb. 13

Physics Division Colloquium: **“Experiments with Radioactive Beams - Studying Stellar Explosions in the Laboratory”** by Ernst Rehm, (PHY). 11 a.m., Bldg. 203 Auditorium.

Monday, Feb. 16

Chemistry Division Monday Morning Seminar Series: **“Actinide Solutions: Fundamentals, Applications, Implications”** by Ken Nash, (CHM). 11 a.m., Bldg. 200 Auditorium.

High Energy Physics Division Theoretical Physics Seminar: **“Solution to the r-p Puzzle of the J/ψ and Y’ Decays”** by Yu-Qi Chen, Ohio State University, Columbus. 2 p.m., Bldg. 362, Conference Room E188.

Physics Division Seminar: **“Nucleus-Nucleus Collisions, Multifragmentation and the Liquid-Gas Phase Transition”** by William Lynch, Michigan State University, East Lansing. 3:30 p.m., Bldg. 203, Conference Room R150.

Wednesday, Feb. 18

Materials Science Division Special Colloquium: **“Structure and Reactivity of Inorganic Monolayers on Electrode Surfaces”** by Andrew Gewirth, Department of Chemistry, University of Illinois, Urbana. 11 a.m., Bldg. 212, Conference Room A157.

High Energy Physics Division Seminar: **“Gravitons, Membranes, Black Holes and Matrix Mechanics”** by Emil J. Martinec, Enrico Fermi Institute, The University of Chicago, Ill. 3:30 p.m., Bldg. 362, Conference Room F108.

Friday, Feb. 20

Physics Division Colloquium: **“Diffusional Enhancement of Magnetic Resonance Imaging”** by Paul C. Lauterbur, Biomedical Magnetic Resonance Laboratory, University of Illinois, Urbana. 11 a.m., Bldg. 203 Auditorium.

Monday, Feb. 23

Chemistry Division Monday Morning Seminar Series: **“Mass Transfer Between Phases: From Molecular Descriptions of Interfaces to Macroscopic Models of Transport”** by Bruce Garrett, Pacific Northwest National Laboratory, Richland, Wash. 11 a.m., Bldg. 200 Auditorium.

High Energy Physics Division Theoretical Physics Seminar: **“Neutrinos from Atmospheric Charm”** by Mary Hall Reno, University of Iowa, Iowa City. 2 p.m., Bldg. 362, Conference Room E188.

Tuesday, Feb. 24

Physics Division Theoretical Physics Seminar: **“Much Ado About Nothing: Vacuum and Renormalization in the Light-Front Framework”** by Matthias Burkardt, New Mexico State University, Las Cruces, N.M. 3 p.m., Bldg. 203, Conference Room B221.

*Additional seminars appear on the Argonne News World Wide Web site:
<http://www.anl.gov/news.html>*

Club plans chess tourney at lunchtime

The Argonne Chess Club will hold lunchtime speed-chess tournaments open to all employees Monday Feb. 16 and 23, and March 2 and 9 in Argonne-East's Building 362, room E188.

Entry fee is \$1. All entry fees will be returned as prizes. The chess club will provide all needed equipment.

Games will be timed at 5 minutes each. The tournaments will use Swiss system pairings if more than six players enter, otherwise pairings will be round robin.

Registration ends at noon. Games will start at 12:05 p.m.

For more information, call Dave Baurac (OPA) at ext. 2-5584 or Bob Hill at ext. 2-4865.

Service Awards

Service awards for December include:

35 Years

Anthony J. Gorski (ASD), Donald L. Reigle (SEC), Gordon L. Veerman (ESH-FD).

25 Years

Mary M. Berillo (PFS-PMO), Arthur J. Goldman (OPS).

20 Years

Jacqueline J. Griffith (IPD-MED), Daniel J. Koste (RPS-SUP), Marianne M. Mintz (ES), Donald E. Newsom (DIS), Marion M. Oldham (HR), Marie Sovereign (RPS-ESW), Robert G. Wagner (HEP).

10 Years

Daniel J. Ciarlette (ASD), Michael T. Lanagan (ET), Stephanie Malak (TD), Marianne Noy (ED), Laura A. Schmidt (EMO-WMO).

5 Years

Kayong Burdi (OCF-BSS), Mary S. Mihelich (DEP), Angela Monczynski (IPD-TIS), Susan M. Rogers (OCF-ACT), Linda J. Shoudis (XFD), Timothy A. Smith (XFD).

What's for lunch?



Menus for the cafeterias at both Argonne sites, and the Guest House Restaurant, are at:
<http://www.anl.gov/OPA/local/anlnews.html>

Classes can help with writing, difficult people

Human Resources will offer classes in "Dealing with Difficult People" and "Technical Communication" at Argonne-East during February.

■ Dealing with Difficult People (HR221) will teach participants to recognize and respond to aggression, defiance, anger and other difficult behaviors, how to deal with disruptive behavior and conflict in groups and how to give constructive

feedback. Class will be held Tuesday, Feb. 24, from 8:30 a.m. to 4:30 p.m. in Building 362, Room F108. Cost is \$125.

■ Technical Communication (HR220) is a hands-on course for technical professionals. Participants will acquire the background to analyze and adapt to readers' needs, recognize barriers to accurate communication, revise and prepare manuscripts for publication. The course will be held on

eight consecutive Wednesday afternoons beginning Feb. 18 in Building 201, Room 190A. Cost is \$350.

Full class information, and enrollment forms for all HR classes, is available on the Human Resources home page at <http://www.anl.gov/HR/home.html> under "Performance Development." For more information, call Betty Iwan (HR) at ext. 2-3410.

History month posters are free for the asking

Art collectors, take note: the Human Resources Diversity Program Office is giving away 1997 commemorative holiday posters. Available posters include Black History Month, Asian American Month, Hispanic Heritage Month, Disability Month and Native American Month.

For more information, call Colleen Girard (HR) at ext. 3021.

Classified Ads

MISCELLANEOUS

SKIBOOTS — Downhill ski boots, Lange, 4 buckle front entry, '95 model, size 27.5, used one season. \$25. Tim Crawford, (708) 579-3842.

WASHERS/DRYERS — GE, set, heavy duty, large capacity, almond, electric dryer. \$350/set. Whirlpool, set, white, electric dryer. \$200/set. Jean Slater, (630) 801-4194.

MISCELLANEOUS — 3 shelves w/brackets & mountings, 1" x 12" x 32", 1" x 12" x 42" & 1" x 12" x 52". Good condition. Best offer. Dishes, complete 8-place setting, white, extra bowls. Best offer. Evie Fagan, (630) 960-5563.

SADDLE — Western, 15" seat, nice shape. \$200. Marion Kopriva, (708) 325-0512.

TIRES — 185/70 SR14, Sears Roadhandler, SCR radial and P175/70 R13, 825 Michelin LX1 radial, like new. \$45 each. Jill Jonkouski, (773) 586-1664.

MISCELLANEOUS — Selkirk paperweight, #200/750 'Festival'. \$80. Avon 'Mother Day' 1974 plate. \$20. 2 silver, 925 hangers, on silver necklace. \$40. Ladies 10-speed bicycle. \$65. Martha Teitlus, (708) 233-2654.

ELECTRIC STOVE — GE, electronic oven control, sealed elements, white w/black glass door, self-cleaning feature does not work. \$50. Ken Lerner, (630) 769-1143.

MISCELLANEOUS — Fisher Price newborn to 20 lb. car seat. \$15. Fisher Price bed rail. \$9. Toys: Little Tykes high chair. \$7. Little Tykes cradle. \$7. Little Tykes shopping cart. \$10. Little Tykes motorcycle tryke. \$15. Jim Byrnes, (815) 485-0328.

DOG — Akita, AKC certified & registered, 4.5 year old, brown/black w/black muzzle, neutered & house broken, large kennel, toys & others miscellaneous supplied, must sell due to moving. \$450 o.b.o. JoAnn Davis, (630) 679-0039.

FURNITURE — 96" sofa & matching love seat, off white w/chrome trim. \$400. 36" white coffee table w/planter in center. \$75. Cindy Crawford, (708) 974-1619.

Classified ad request forms are available in stockrooms, at the Office of Public Affairs in Building 201, and at Argonne-West's Building 752, Room D109. The old half-sheet forms are acceptable, but note that the deadline is incorrect. Deadline for classified ads is **5 p.m. Monday**.

Please note: All classified ads appear on Argonne's World Wide Web site and can be seen by the public.

Requests can be submitted by fax to ext. 2-5274, or by inter-office mail to Evie Fagan, Building 201, Room 2U-09 (OPA-201). A drop-off box is located at the *Argonne News* office, Building 201, room 2Q-02 and at 2U-09.

Request forms must be signed and must include a home phone number. Ads cannot be accepted by phone or electronic mail. Please limit ads to 25 words; longer ads may be edited. Housing listed for sale or rent is available without regard to race, creed, color or national origin.

Argonne-West employees are welcome to submit classified ads to *Argonne News*. Request forms are available at the office of Argonne-West Correspondent Dolores Lagerquist, Building 752, Room D109. When completed, fax the request form to the *Argonne News* office at (630) 252-5274.

APPLIANCES — Kenmore, 1.7 cu. ft. refrigerator. \$50. Kenmore, electric stove. \$50. Kenmore, electric dryer. \$50. All in great shape. Glenn Cherry, (815) 467-7309.

TRANSMISSION — TS6, 6-speed, out of a '96 T/A, perfect condition, includes shifter & bell housing. \$1,000 w/guarantee. Larry Kurek, (630) 226-0535.

PLYWOOD — CDX, 5/8" thick, 6 sheets 4' x 8', used. \$6/each. 2 sheets, 4' x 4', used. \$3/each. Cliff Pitts, (708) 430-9104.

CAMERA — Pentax K1000, w/35mm lens, Makinon 35mm wide angle lens, Tokina 80-200mm zoom lens, Rokinon 80mm telefoto lens w/macro, Sunpak zoom flash w/tilt & rotating flash, 2X converter & carrying case. \$275. Michael Heeg, (815) 834-1858.

AUTOMOBILES

1993 PLYMOUTH — Duster, 1 owner, maintained with 100K mile warranty, just turned 100K miles, AC, PS, AM/FM stereo cassette. \$2,900. Don Cyborski, (815) 741-4998.

1985 HORSE/CAMPING TRAILER — Lazy 'N', deluxe self-contained trailer, gooseneck, 2/3 horse straight in, 17' living area, tack room, 34' over all, new awning, 3 way refrigerator/freezer, clean, stored inside. \$12,900. Marion L. Kopriva, (630) 325-0512.

1984 FORD — Small, 4-door, stick, soft seats, 152K miles, AM/FM stereo, clock, runs well. \$590 o.b.o. Eddie Brako, (630) 455-6806.

1983 SAAB — 900S, new brakes & rotors, recent clutch & exhaust system, needs 2 tires & timing chain. \$350 o.b.o. Jonathan Trent, (630) 963-9220.

1993 CHEVROLET — Lumina, V6, 4-door, AT, AC, PS, PB, 20K miles, excellent condition, drives like new. \$6,000. Bill DeLuca, (630) 357-7931.

1994 BUICK — Century, 4-door, V6, AT, all power, cruise, 70K miles, excellent condition. \$6,800 o.b.o. Jean Missig, (815) 744-2829.

1993 PLYMOUTH — Voyager SE Sport, teal, fully loaded, CD, tinted glass, quad seating, 72K miles. \$9,500. Richard Hislop, (630) 961-0952.

1985 DODGE — Charger, 100K plus miles, new brakes, sun roof, clean, needs door handles & seat repair. \$650 o.b.o. Debra Pounds, (630) 759-4012.

1985 HONDA — Accord, 4-door sedan, model SEI, AT, AC, PW, PL, CC, good tires, leather, power sun roof, 150K miles, very good body, good running condition, 26 - 30 MPG. \$1,775. John Sanecki, (815) 886-2369.

1986 TOYOTA — Camry LE, AT, PS, PB, AC, runs well. \$2,700 o.b.o. Steve Choi, (630) 369-0496.

1995 CHEVROLET — 1500 truck, Cheyenne extended cab, 4 x 4, black, A.R.E. custom aluminum cap to match, AC, tilt, AM/FM cassette, cruise, 5-speed, 25K miles, under manufacturer's warranty until 36K miles. Don Johnson, (630) 420-7956.

1983 CHEVROLET — Conversion van, short wheel base, G20, V8, AC. \$1,500. Bruce Necker, (708) 749-2697.

HOUSING

LOT/SALE — Lake of the Ozarks. \$17,500. Todd Trotter, (630) 261-9750.

TIMESHARE/SALE — Austria. \$6,500 & exchangeable. Todd Trotter, (630) 261-9750.

ROOM/RENT — Kitchen privileges, washer/dryer currently available, 5 miles from lab., smokers OK, not a smoke free environment. Renee Irwin, (630) 972-1726.

TOWNHOUSE/SALE — Orland Park, 3 bedrooms, end unit, 2 full baths, eat-in kitchen, full basement, vaulted ceilings, oversized deck, near shopping. \$149,900. Lynette Kane, (708) 403-5108.

APARTMENT/RENT — Oak Park, 2 bedrooms, dining room, hardwood floors, washer/dryer, storage, close to CTA/Metra, shopping, available Feb. 1. \$1,095/month. Bob Olsson, (630) 769-1925.

WANTED

TRUCK COVER — To fit '90, full size Ford super cab. Marion Kopriva, (630) 325-0512.

TOYS — Any fast food toys, i.e., McDonald's, Burger King, etc. Will pay from \$.05 to \$1.00. Cindy Crawford, (708) 974-1619.

GOOD HOME — For small black dog, mixed breed, female, needs to be spayed, black w/white spot on chest, housebroken, loves to fetch, looks like a lab/spitz mix. Joanne Thomas, (815) 723-0681.

CAR — Safe, reliable, reasonable prices, wanted for female student, AT, '90 plus. Lilac Berniker, (630) 252-6962.

STAMPS — Will buy U.S. and world wide mint or used postage stamps, collections & covers, reasonably priced. Nicholas Malik, (630) 305-8519.